



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	Examiner: KEMMERER, ELIZABETH
)	
BOTSTEIN, et al.)	Art Unit: 1646
)	
Application Serial No. 09/990,443)	Attorney's Docket No. 39780-2730P1C12
)	
Filed: November 14, 2001)	Customer No. 35489
)	
For: SECRETED AND TRANSMEMBRANE)	
POLYPEPTIDES AND NUCLEIC ACIDS)	
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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

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Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If Form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with M.P.E.P. §609.

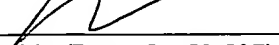
This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

- ☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):
- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☐ (3) It is being filed before the mail date of the first Office Action on the merits
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- ☒ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- ☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:
- ☐ a certification as specified in §1.97(e) is provided below; or
- ☐ a fee of **\$180.00** as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
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- A. a certification as specified in §1.97(e) is completed below; and
- B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; and
- C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☒ **Fee Authorization.** The Commissioner is hereby authorized to charge the above-referenced fees of **\$0.00** and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. **08-1641 (Attorney's Docket No. 39780-2730P1C12).**

Respectfully submitted,

(Panpan Gao 43.626.)

Dated: June 29, 2006

By:  on behalf of
Daphne Reddy (Reg. No. 53,507) Daphne Reddy

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Form PTO-1449 INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		Attorney's Docket No. 39780-2730P1C12 Applicant(s) BOTSTEIN, et al.		Application Serial No. 09/990,443	
Filing Date: November 14, 2001		Group Art Unit: 1646			
U.S. PATENT DOCUMENTS					
Examiner Initials	Ref. No.	Date	Document No.	Name	Class Subclass Filing Date (if appropriate)
FOREIGN PATENT DOCUMENTS					
Examiner Initials	Ref. No.	Date	Document No.	Name	Class Subclass Translation YES NO
OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)					
Examiner Initials	Ref. No.	Title			
	1.	Abe, N., et al., "An Increased High-Mobility Group A2 Expression Level is Associated with malignant Phenotype in Pancreatic Exocrine Tissue," <i>Br J Cancer</i> - 89(11):2104-9 (2003) Abstract.			
	2.	Ando, M., et al., "Selective Apoptosis of Natural Killer-Cell Tumours by L-Asparaginase," <i>Br J Haematol.</i> , - 130(6):860-8 (2005) Abstract.			
	3.	Aust, G., et al., "Human Thyroid Carcinoma Cell Lines and Normal Thyrocytes: Expression and Regulation of Matrix Metalloproteinase Inhibitor-1 Messenger-RNA and Protein," <i>Thyroid</i> - 7(5):713-24 (1997) Abstract.			
	4.	Barnes, V.L., et al., "Expression of Embryonic Fibronectin Isoform EIIIA Parallels Alpha-Smooth Muscle Actin in Maturing and Diseased Kidney," <i>J Histochem Cytochem.</i> - 47(6):787-98 (1999) Abstract.			
	5.	Bea, S., et al., "BMI-1 Gene Amplification and Overexpression in Hematological Malignancies Occur Mainly in Mantle Cell Lymphomas," <i>Cancer Res.</i> - 61(6):2409-12 (2001) Abstract.			
	6.	Blaschke, V., et al., "Rapid Quantitation of Proinflammatory and Chemoattractant Cytokine Expression in Small Tissue Samples and Monocyte-Derived Dendritic Cells: Validation of a New Real-Time RT-PCR Technology," <i>J Immunol Methods.</i> - 246(1-2):79-90 (2000) Abstract.			
	7.	Buckley, A.R., et al., "Butyrate-Induced Reversal of Dexamethasone Resistance in Autonomouse Rat Nb2 Lymphoma Cells," <i>Apoptosis.</i> - 2(6):518-28 (1997) Abstract.			
	8.	Caberlotto, L. et al., "Alterations in Neuropeptide Y Levels and Y1 Binding Sites in the Flinders Sensitive Line Rats, A Genetic Animal Model of Depression," <i>Neurosci Lett.</i> - 265(3):191-4 (1999) Abstract.			
	9.	Caberlotto, L., et al., "Neurokinin 1 Receptor and Relative Abundance of the Short and Long Isoforms in the Human Brain," <i>Eur J Neurosci.</i> - 17(9):1736-46 (2003) Abstract.			
	10.	Choi, D., et al., "Characterization of Cyclin D2 Expression in Human Endometrium," <i>J Soc Gynecol Investig.</i> - 9(1):41-6 (2002) Abstract.			
	11.	Couvelard, A., et al., "Human Chorionic Gonadotrophin Beta Expression in Malignant Barrett's Oesophagus," <i>Virchows Arch.</i> - 445(3):279-84 (2004) Abstract.			
	12.	Dagenais, A., et al., "Downregulation of EnaC Activity and Expression by TNF-Alpha in Alveolar Epithelial Cells," <i>Am J. Physiol Lung Cell Mol Physiol.</i> - 286(2):L301-11 (2004) Abstract.			
	13.	De Boer, C.J., et al., "Involvement of the CCND1 Gene in Hairy Cell Leukemia," <i>Ann Oncol.</i> - 7(3):251-6 (1996) Abstract.			
	14.	Debieve, F., et al., "Inhibin and Activin Production and Subunit Expression in Human Placental Cells Cultured in Vitro," <i>Mol Hum Reprod.</i> - 6(8):743-9 (2000) Abstract.			
	15.	Dong, Z., et al., "Expression of Membrane-Type Matrix Metalloproteinases 4, 5, and 6 in Mouse Corneas Infected with P. Aeruginosa," <i>Invest Ophthalmol Vis Sci</i> - 42(13):3223- (2001) Abstract.			

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OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)			
16.	Duchrow, M., et al., "Assessment of Proliferative Activity in Colorectal Carcinomas by Quantitative Reverse Transcriptase-Polymerase Chain Reaction (RT-PCR)," <i>Cancer Invest.</i> - 19(6):588-96 (2001) Abstract.		
17.	Dyer, J., et al., "Molecular Characterisation of Carbohydrate Digestion and Absorption in Equine Small Intestine," <i>Equine Vet J.</i> - 34(4):349-58 (2002) Abstract.		
18.	Egwuagu, C.E., et al., "Suppressors of Cytokine Signaling Proteins are Differentially Expressed in Th1 and Th2 Cells: Implications for Th Cell Lineage Commitment and Maintenance," <i>J Immunol.</i> - 168(7):3181-7 (2002) Abstract.		
19.	El-Ghrably, I.A., et al., "Intravitreal Invading Cells Contribute to Vitreal Cytokine Milieu in Proliferative Vitreoretinopathy," <i>Br J Ophthalmol.</i> - 85(4):461-70 (2001) Abstract.		
20.	Eleore, L., et al., "Modulation of the Glutamatergic Receptors (AMPA and NMDA) and of Glutamate Vesicular Transporter 2 in the Rat Facial Nucleus after Axotomy," <i>Neuroscience</i> - 136(1):147-60 (2005) Abstract.		
21.	Forsberg, H., et al., "Altered Levels of Scavenging Enzymes in Embryos Subjected to a Diabetic Environment," <i>Free Radic Res.</i> - 24(6):451-9 (1996) Abstract.		
22.	Freyschuss, B., et al., "Induction of the Estrogen Receptor by Growth Hormone and Glucocorticoid Substitution in Primary Cultures of Rat Hepatocytes," <i>Endocrinology</i> - 133(4):1548-54 (1993) Abstract.		
23.	Fu, K., et al., "Cyclin D1-Negative Mantle Cell Lymphoma: A Clinocopathologic Study Based on Gene Expression Profiling," <i>Blood</i> - 106(13):4315-21 (2005) Abstract.		
24.	Fuchs, A.R., et al., "Oxytocin Receptors in Bovine Cervix: Distribution and Gene Expression During the Estrous Cycle," <i>Biol Reprod.</i> - 54(3):700-8 (1996) Abstract.		
25.	Furuta, J., et al., "Silencing of the Thrombomodulin Gene in Human Malignant Melanoma," <i>Melanoma Res.</i> - 15(1):15-20 (2005) Abstract.		
26.	Futcher, B., et al., "A Sampling of the Yeast Proteome," <i>Mol Cell Biol.</i> - 19(11):7357-68 (1999) Abstract.		
27.	George, J., et al., "Pre-translational Regulation of Cytochrome P450 Genes is Responsible for Disease-Specific Changes of Individual P450 Enzymes Among Patients with Cirrhosis," <i>Biochem Pharmacol.</i> - 49(7):873-81 (1995) Abstract.		
28.	Giroux, M., et al., "Cyclooxygenase-2 Expression in Macrophages: Modulation by Protein Kinase C-alpha," <i>J Immunol.</i> - 165(7):3985-91 (2000) Abstract.		
29.	Gnatenko, D.V., et al., "Transcript Profiling of Human Platelets Using Microarray and Serial Analysis of Gene Expression," <i>Blood</i> - 101(6):2285-93 (2003) Abstract.		
30.	Godbout, R., et al., "Overexpression of DEAD Box Protein (DDX1) in Neuroblastoma and Retinoblastoma Cell Lines," <i>J Biol Chem.</i> - 273(33):21161-8 (1998) Abstract.		
31.	Goldenberg, R.C., et al., "Modulation of Gap Junction Mediated Intercellular Communication in TM3 Leydig Cells," <i>J Endocrinol.</i> - 177(2):327-35 (2003) Abstract.		
32.	Golebiowski, F., et al., "Expression Level of Ubc9 Protein in Rat Tissues," <i>Acta Biochim Pol.</i> - 50(4):1065-73 (2003) Abstract.		
33.	Grem, J.L., et al., "Thymidine Kinase, Thymidylate Synthase, and Dihydropyrimidine Dehydrogenase Profiles of Cell Lines of the National Cancer Institute's Anticancer Drug Screen," <i>Clin Cancer Res.</i> - 7(4):999-1009 (2001) Abstract.		
34.	Grenback, E., et al., "Galanin Pituitary Adenomas," <i>Regul Pept.</i> - 117(2):127-39 (2004) Abstract.		
35.	Gromova, I., et al., "Protein Abundance and mRNA Levels of the Adipocyte-Type Fatty Acid Binding Protein Correlate in Non-Invasive and Invasive Bladder Transitional Cell Carcinomas," <i>Int J. Oncol.</i> - 13(2):379-83 (1998) Abstract.		
36.	Guo, Y., et al., "The Pathogenic Role of Macrophage Migration Inhibitory Factor in Acute Respiratory Distress Syndrome," <i>Zhonghua Jie He He Hu Xi Za Zhi</i> - 25(6):337-40 (2002) Abstract.		

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37.	Habu, Y., et al., "Restored Expression and Activity of Organic Ion Transporters rOAT1, rOAT3 and rOCT2 after Hyperuricemia in the Rat Kidney," <i>Biochem Pharmacol</i> - 69(6):993-9 (2005) Abstract.
38.	Hahn, M.E., et al., "Regulation of Cytochrome P4501A1 in Teleosts: Sustained Induction of CYP1A1 mRNA, Protein, and Catalytic Activity by 2,3,7,8-Tetrachlorodibenzofuran in the Marine Fish <i>Stenotomus Chrysops</i> ," <i>Toxicol Appl Pharmacol</i> - 127(2):187-98 (1994) Abstract.
39.	Hahnel, R., et al., "Expression of the pS2 Gene in Breast Tissues Assessed by pS2-mRNA Analysis and pS2-Protein Radioimmunoassay," <i>Breast Cancer Res Treat</i> - 24(1):71-4 (1992) Abstract.
40.	Hamilton, L.M., et al., "The role of the Epidermal Growth Factor Receptor in Sustaining Neutrophil Inflammation in Severe Asthma," <i>Clin Exp Allergy</i> - 33(2):233-40 (2003) Abstract.
41.	Hassett, C., et al., "Human Hepatic Microsomal Epoxide Hydrolase: Comparative Analysis of Polymorphic Expression," <i>Arch Biochem Biophys</i> - 337(2):275-83 (1997) Abstract.
42.	Holten-Andersen, M.N., et al., "Localization of Tissue Inhibitor of Metalloproteinases 1 (TIMP-1) in Human Colorectal Adenoma and Adenocarcinoma," <i>Int J Cancer</i> - 113(2):198-206 (2005) Abstract.
43.	Huang, Y.H., et al., "Tissue Plasminogen Activator Induced by Dengue Virus Infection of Human Endothelial Cells," <i>J Med Virol</i> - 70(4):610-6 (2003) Abstract.
44.	Huettner, P.C., et al., "Neu Oncogene Expression in Ovarian Tumors: A Quantitative Study," <i>Mod Pathol</i> - 5(3):250-6 (1992) Abstract.
45.	Hui, P., et al., "Real-time Quantitative RT-PCR of Cyclin D1 mRNA in Mantle Cell Lymphoma: Comparison with FISH and Immunohistochemistry," <i>Leuk Lymphoma</i> - 44(8):1385-94 (2003) Abstract.
46.	Husain, I., et al., "Elevation of Topoisomerase I Messenger RNA, Protein, and Catalytic Activity in Human Tumors: Demonstration of Tumor-Type Specificity and Implications for Cancer Chemotherapy," <i>Cancer Res</i> - 54(2):539-46 (1994) Abstract.
47.	Ihmann, T., et al., "High-level mRNA Quantification of Proliferation Marker pKi-67 is Correlated with Favorable Prognosis in Colorectal Carcinoma," <i>J Cancer Res Clin Oncol</i> - 130(12):749-56 (2004) Abstract.
48.	Ikegami, T., et al., "Modulation of Glucagon Receptor Expression and Response in Transfected Human Embryonic Kidney Cells," <i>Am J Physiol Cell Physiol</i> - 281(4):C1396-402 (2001) Abstract.
49.	Jacquemin, E., et al., "Developmental Regulation of Acidic Fibroblast Growth Factor (aFGF) Expression in Bovine Retina," <i>Int J Biol</i> - 37(3):417-23 (1993) Abstract.
50.	Jaime, M., et al., "The p21 (Cip1) Protein, A Cyclin Inhibitor, Regulates the Levels and the Intracellular Localization of CDC25A in Mice Regenerating Livers," <i>Hepatology</i> - 35(5):1063-71 (2002) Abstract.
51.	Janssens, N., et al., "Alteration of Frizzled Expression in renal Cell Carcinoma," <i>Tumour Biol</i> - 25(4):161-71 (2004) Abstract.
52.	Jungbluth, A.A., et al., "Immunohistochemical Analysis of NY-ESO-1 Antigen Expression in Normal and Malignant Human Tissues," <i>Int J. Cancer</i> - 92(6):856-60 (2001) Abstract.
53.	Kalabis, G.M., et al., "Multidrug Resistance Phosphoglycoprotein (ABCB1) in the Mouse Placenta: Fetal Protection," <i>Biol Reprod</i> - 73(4):591-7 (2005) Abstract.
54.	Kammaori, M., et al., "Expression of Human Telomerase Reverse Transcriptase Gene and Protein, and of Estrogen and Progesterone Receptors, in Breast Tumors: Preliminary Data from Neo-Adjuvant Chemotherapy," <i>Int J Oncol</i> - 27(5):1257-63 (2005) Abstract.
55.	Khal, J., et al., "Expression of the Ubiquitin-Proteasome Pathway and Muscle Loss in Experimental Cancer Cachexia," <i>Br J Cancer</i> - 93(7):774-80 (2005) Abstract.
56.	Khal, J., et al., "Increased Expression of Proteasome Subunits in Skeletal Muscle of Cancer Patients with Weight Loss," <i>Int J. Biochem Cell Biol</i> - 37(10):2196-206 (2005) Abstract.

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57.	Kogo, H., et al., "Cell Type-Specific Occurrence of Caveolin-1alpha and -1beta in the Lung caused by Expression of Distinct mRNAs," <i>J Biol Chem.</i> - 279(24):25574-81 (2004) Abstract.
58.	Kommoss, F., et al., "Oncogene and Growth Factor Expression in Ovarian Cancer," <i>Acta Obstet Gynecol Scand Suppl.</i> - 155:19-24 (1992) Abstract.
59.	Kumar, U., et al., "Somatostatin Receptors in Primary Human Breast Cancer: Quantitative Analysis of mRNA for Subtypes 1-5 and Correlation with Receptor Protein Expression and Tumor Pathology," <i>Breast Cancer Res. Treat.</i> - 92(2):175-86 (2005) Abstract.
60.	Kuo, C.C., et al., "A Transcriptomic and Proteomic Analysis of the Effect of CpG-ODN on Human THP-1 Monocytic Leukemia Cells," <i>Proteomics</i> - 5(4):894-906 (2005) Abstract.
61.	Landmark, B.F., et al., "Cellular Location and Age-dependent Changes of the regulatory Subunits of cAMP-dependent Protein Kinase in Rat Testis," <i>J Reprod Fertil.</i> - 99(2):323-34 (1993) Abstract.
62.	Lassmann, S., et al., "Quantification of CK20 Gene and Protein Expression in Colorectal Cancer by RT-PCR and Immunohistochemistry Reveals Inter- and Intratumour Heterogeneity," <i>J Pathol.</i> - 198(2):198-206 (2002) Abstract.
63.	Legrand, O., et al., "Expression of the Multidrug Resistance-Associated Protein (MRP) mRNA and Protein in Normal Peripheral Blood and Bone Marrow Haemopoietic Cells," <i>Br J, Haematol.</i> - 94(1):23-33 (1996) Abstract.
64.	Lemstrom, K.B., et al., "Vascular Endothelial Growth Factor Enhances Cardiac Allograft Arteriosclerosis," <i>Circulation</i> - 105(21):2524-30 (2002) Abstract.
65.	Li, Z.B., et al., "Enhanced Expressions of Arachidonic Acid-Sensitive Tandem-Pore Domain Potassium Channels in Rat Experimental Acute Cerebral Ischemia," <i>Biochem Biophys Res Commun.</i> - 327(4):1163-9 (2005) Abstract.
66.	Li, Y., et al., "Retinal Preconditioning and the Induction of Heat-Shock Protein 27," <i>Invest Ophthalmol Vis Sci.</i> - 44(3):1299-304 (2003) Abstract.
67.	Lindberg, P., et al., "Increasing Expression of Tissue Plasminogen Activator and Plasminogen Activator Inhibitor Type 2 in Dog Gingival Tissues with Progressive Inflammation," <i>Arch Oral Biol.</i> - 46(1):23-31 (2001) Abstract.
68.	Macabeo-Ong, M., et al., "Effect of Duration of Fixation on Quantitative Reverse Transcription Polymerase Chain Reaction Analyses," 15(9):979-87 (2002) Abstract.
69.	Maruyama, H., et al., "Id-1 and Id-2 are Overexpressed in Pancreatic Cancer and in Dysplastic Lesions in Chronic Pancreatitis," <i>Am J Pathol.</i> - 155(3):815-22 (1999) Abstract.
70.	Meehan, T.P., et al., "Tightly Regulated and Inducible Expression of a Yoked Hormone-Receptor Complex in HEK 293 Cells," <i>J Mol Endocrinol.</i> - 32(1):247-55 (2004) Abstract.
71.	Mendoza-Rodriguez, C.A., et al., "C-fos and Estrogen Receptor Gene Expression Pattern in the Rat Uterine Epithelium During the Estrous Cycle," <i>Mol Reprod Dev.</i> 64(4):379-88 (2003) Abstract.
72.	Meoni, P., et al., "[3H]MK-801 Binding and the mRNA for the NMDAR1 Subunit of the NMDA Receptor are Differentially Distributed in Human and Rat Forebrain," <i>Brain Res Mol Res.</i> - 54(1):13-23 (1998) Abstract.
73.	Mezzano, S.A., et al., "Overexpression of Chemokines, Fibrogenic Cytokines, and Myofibroblasts in Human Membranous Nephropathy," <i>Kidney Int.</i> - 57(1):147-58 (2000) Abstract.
74.	Mingrone, G., et al., "Decreased Uncoupling Protein Expression and Intramyocytic Triglyceride Depletion in Formerly Obese Subjects," <i>Obes Res.</i> - 11(5):632-40 (2003) Abstract.
75.	Miralles, C.P., et al., "Differential Expression of the Short and Long Forms of the Gamma 2 Subunit of the GABAA/benzodiazepine Receptors," <i>Brain Res Mol Res.</i> - 24(1-4):129-39 (1994) Abstract.
76.	Mizrachi, D., et al., "Follicle-stimulating Hormone Receptor and Its Messenger Ribonucleic Acid are Present in the Bovine Cervix and Can Regulate Cervical Prostanoid Synthesis," <i>Biol Reprod.</i> - 61(3):776-84 (1999) Abstract.
77.	Monaghan, P., et al., "The Alpha(v)beta6 Integrin Receptor for Foot-and-Mouth Disease Virus is Expressed Constitutively on the Epithelial Cells Targeted in Cattle," <i>J Gen Virol.</i> - 86(Pt 10):2769-80 (2005) Abstract.

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	78.	Montuori, N., et al., "Urokinase-Mediated Posttranscriptional Regulation of Urokinase-Receptor Expression in Non Small Cell Lung Carcinoma," <i>Int J Cancer</i> - 105(3):353-60 (2003) Abstract.	
	79.	Munaut, C., et al., "Vascular Endothelial Growth Factor Expression Correlates with Matrix Metalloproteinases MT1-MMP, MMP-2 and MMP-9 in Human Glioblastomas," <i>Int J Cancer</i> - 106(6):848-55 (2003) Abstract.	
	80.	Nie, Y., et al., "DNA Hypermethylation is a Mechanism for Loss of Expression of the HLA Class I Genes in Human Esophageal Squamous Cell Carcinomas," <i>Carcinogenesis</i> - 22(10):1615-23 (2001) Abstract.	
	81.	Nuciforo, P.G., et al., "Molecular and Immunohistochemical Analysis of HER2/neu Oncogene in Synovial Sarcoma," <i>Hum Pathol.</i> - 34(7):639-45 (2003) Abstract.	
	82.	Oberringer, M., et al., "Differential Expression of Heat Shock Protein 70 in Well Healing and Chronic Human Wound Tissue," <i>Biochem Biophys Res Commun.</i> - 214(3):1009-14 (1995) Abstract.	
	83.	Orntoft, T.F., et al., "Genome-wide Study of Gene Copy Numbers, Transcripts, and Proteins Levels in Pairs of Non-invasive and Invasive Human Transitional Cell Carcinomas," <i>Mol Cell Proteomics.</i> - 1(1):37-45 (2002) Abstract.	
	84.	Orntoft, T.F., et al., "Genome-Wide Study of Gene Copy Numbers, Transcripts, and Protein Levels in Pairs of Non-Invasive and Invasive Human Transitional Cell Carcinomas," <i>Molecular & Cellular Proteomics</i> - 1:37-45 (2002).	
	85.	Pachmann, K., et al., "Expression of bcr-abl mRNA in Individual Chronic Myelogenous Leukaemia Cells as determined by in Situ Amplification," <i>Br J. Haematol</i> - 112(3):749-59 (2001) Abstract.	
	86.	Pairol, J.C., et al., "Cell Localization and Regulation of Expression of Cytochrome P450 1A1 and 2B1 in Rat Lung after Induction with 3-Methylcholanthrene Using mRNA Hybridization and Immunohistochemistry," <i>Am J Respir Cell Mol Biol.</i> - 11(4):386-96 (1994) Abstract.	
	87.	Papotti, M., et al., "Correlative Immunohistochemical and Reverse Transcriptase Polymerase Chain Reaction Analysis of Somatostatin Receptor Type 2 in Neuroendocrine Tumors of the Lung," <i>Diagn Mol Pathol.</i> - 9(1):47-57 (2000) Abstract.	
	88.	Papotti, M., et al., "Expression of Somatostatin Receptor Types 1-5 in 81 Cases of Gastrointestinal and Pancreatic Endocrine Tumors. A correlative Immunohistochemical and Reverse-Transcriptase Polymerase Chain Reaction Analysis," <i>Virchows Arch.</i> - 440(5):461-75 (2002) Abstract.	
	89.	Paredes, J., et al., "P-Cadherin Overexpression is an Indicator of Clinical Outcome in Invasive Breast Carcinomas and is Associated with CDH3 Promoter Hypomethylation," <i>Clin Cancer Res.</i> - 11(16):5869-77 (2005) Abstract.	
	90.	Politis, I., et al., "Mammary-Derived Growth Inhibitor Protein and Messenger Ribonucleic Acid Concentrations in Different Physiological States of the Gland," <i>J Dairy Sci.</i> - 75(6):1423-9 (1992) Abstract.	
	91.	Preesman, A.H., et al., "T-Cell Receptor V Beta-family Usage in Primary Cutaneous and Primary Nodal T-cell non-Hodgkin's Lymphomas," <i>J Invest Dermatol.</i> - 99(5):587-93 (1992) Abstract.	
	92.	Pullig, O., et al., "Matrilin-3 in Human Articular Cartilage: Increased Expression in Osteoarthritis," <i>Osteoarthritis Cartilage</i> - 10(4):253-63 (2002) Abstract.	
	93.	Rey, C., et al., "Up-regulation of Mitochondrial Peripheral Benzodiazepine Receptor Expression by Tumor Necrosis Factor Alpha in Testicular Leydig Cells. Possible Involvement in Cell Survival," <i>Biochem Pharmacol.</i> - 60(11):1636-46 (2000) Abstract.	
	94.	Rudlowski, C., et al., "GLUT1 Messenger RNA and Protein Induction Relates to the Malignant Transformation of Cervical Cancer," <i>Am J. Clin Pathol.</i> - 120(5):691-8 (2003) Abstract.	
	95.	Sasaki, T., et al., "Expression and Distribution of Laminin Alpha1 and Alpha2 Chains in Embryonic and Adult Mouse Tissues: An Immunochemical Approach," <i>Exp Cell Res.</i> - 275(2):189-99 (2002) Abstract.	
	96.	Sedelies, K.A., et al., "Discordant Regulation of Granzyme H and Granzyme B Expression in Human Lymphocytes," <i>J Biol Chem.</i> - 279(25):26581-7 (2004) Abstract.	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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Form PTO-1449		Attorney's Docket No. 39780-2730P1C12	Application Serial No. 09/990,443
INFORMATION DISCLOSURE STATEMENT		Applicant(s) BOTSTEIN, et al.	
(use several sheets if necessary)		Filing Date: November 14, 2001	Group Art Unit: 1646
OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)			
97.	Shen, Y., et al., "BCL2 Protein Expression Parallels its mRNA level in normal and Malignant B Cells," <i>Blood</i> - 104(9):2936-9 (2004) Abstract.		
98.	Shinohara, Y., et al., "Quantitative Determinations of the Steady Transcript Levels of Hexokinase Isozymes and Glucose Transporter Isoforms in Normal Rat Tissues and the Malignant Tumor Cell Line AH130," <i>Biochim Biophys Acta</i> - 1368(1):129-36 (1998) Abstract.		
99.	Silvers, A.L., et al., "UVA Irradiation-Induced Activation of Activator Protein-1 is Correlated with Induced Expression of AP-1 Family Members in the Human Keratinocyte Cell Line HaCat," <i>Photochem Photobiol.</i> - 75(3):302-10 (2002) Abstract.		
100.	Song, L., et al., "Rat Kidney Glutamyl Aminopeptidase (aminopeptidase A): Molecular Identity and Cellular Localization," <i>Am J. Physiol.</i> - 267(4 Pt 2):F546-57 (1994) Abstract.		
101.	Spaziani, E.P., et al., "Tumor Necrosis Factor-Alpha Upregulates the Prostaglandin E2 EP1 Receptor Subtype and the Cyclooxygenase-2 Isoform in Cultured Amnion WISH Cells," <i>J Interferon Cytokine Res.</i> - 18(12):1039-44 (1998) Abstract.		
102.	Spika, I., et al., "Transcriptional Activity of Potent Glucocorticoids: Relevance of Glucocorticoid Receptor Isoforms and Drug Metabolites," <i>Skin Pharmacol Appl Skin Physiol.</i> - 16(3):143-50 (2003) Abstract.		
103.	Splinter, P.L., et al., "Specific Inhibition of AQP1 Water Channels in Isolated Rat Intrahepatic Bile Duct Units by Small Interfering RNAs," <i>J Biol Chem</i> - 278(8):6268-74 (2003) Abstract.		
104.	Stearns, M.E., et al., "Type IV Collagenase (M(r) 72,000) Expression in Human Prostate: Benign and Malignant Tissue," <i>Cancer Res.</i> - 53(4):878-83 (1993) Abstract.		
105.	Stein, R., et al., "The Decompensated Detrusor III: Impact of Bladder Outlet Obstruction on Sarcoplasmic Endoplasmic Reticulum Protein and Gene Expression," <i>J Urol.</i> - 164(3Pt 2):1026-30 (2000) Abstract.		
106.	Strickland, I., et al., "TNF-Alpha and IL-8 are Upregulated in the Epidermis of Normal Human Skin after UVB Exposure: Correlation with Neutrophil Accumulation and E-Selectin Expression," <i>J Invest Dermatol.</i> - 108(5):763-8 (1997) Abstract.		
107.	Strutz, F., et al., "Basic Fibroblast Growth Factor Expression is Increased in Human Renal Fibrogenesis and May Mediate Autocrine Fibroblast Proliferation," <i>Kidney Int.</i> - 57(4):1521-38 (2000) Abstract.		
108.	Takahashi, K., et al., "Adiposity Elevates Plasma MCP-1 Levels Leading to the Increased CD11b-Positive Monocytes in Mice," <i>J Biol. Chem.</i> - 278(47):46654-60 (2003) Abstract.		
109.	Takimoto, Y., et al., "Augmented Expression of Neuronal Nitric Oxide Synthase in the Atria Parasympathetically Decreases Heart Rate During Acute Myocardial Infarction in Rats," <i>Circulation</i> - 105(4):490-6 (2002) Abstract.		
110.	Telek, G., et al., "Differential Upregulation of Cellular Adhesion Molecules at the Sites of Oxidative Stress in Experimental Acute Pancreatitis," <i>J Surg Res.</i> - 96(1):56-67 (2001) Abstract.		
111.	Timchenko, L., et al., "Myotonic Dystrophy: An Unstable CTG Repeat in a Protein Kinase Gene," <i>Semin Cell Biol.</i> - 6(1):13-9 (1995) Abstract.		
112.	Torrönen, R., et al., "Induction of Class 3 Aldehyde Dehydrogenase in the Mouse Hepatoma Cell Line Hepa-1 by Various Chemicals," <i>Chem Biol. Interact.</i> - 83(2):107-19 (1992) Abstract.		
113.	Ullmannova, V., et al., "Relationship Between Cyclin D1 and p21 (Waf1/Cip1) During Differentiation of Human Myeloid Leukemia Cell Lines," <i>Leuk Res.</i> - 27(12):1115-23 (2003) Abstract.		
114.	Van Beers, E.H., et al., "Intestinal Carbamoyl Phosphate Synthase I in Human and Rat. Expression during Development Shows Species Differences and Mosaic Expression in Duodenum of Both Species," <i>J Histochem Cytochem.</i> - 46(2):231-40 (1998) Abstract.		
115.	Van Der Wilt, C.L., et al., "Expression of Deoxycytidine Kinase in Leukaemic Cells Compared with Solid Tumour Cell Lines, Liver Metastases and Normal Liver," <i>Eur J Cancer</i> - 39(5):691-7 (2003) Abstract.		
116.	Waldherr, R., et al., "Expression of Cytokines and Growth Factors in Human Glomerulonephritides," <i>Pediatr Nephrol.</i> - 7(4):471-8 (1993) Abstract.		

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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Form PTO-1449

INFORMATION DISCLOSURE STATEMENT

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Applicant(s)

BOTSTEIN, et al.

(use several sheets if necessary)

Filing Date:
November 14, 2001Group Art Unit:
1646

OTHER DOCUMENTS

(including author, title, date, pertinent pages, etc.)

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|------|---|
| 117. | Walmer, D.K., et al., "Malignant Transformation of the Human Endometrium is associated with Overexpression of Lactoferrin Messenger RNA and Protein," <i>Cancer Res.</i> - 55(5):1168-75 (1995) Abstract. |
| 118. | Wang, J., et al., "Cell Proliferation in Human Soft Tissue Tumors Correlates with Platelet-derived Growth Factor B Chain Expression: An Immunohistochemical and in Situ Hybridization Study," <i>Cancer Res.</i> - 54(2):560-4 (1994) Abstract. |
| 119. | Wang, J., et al., "Expression of Cadherins and Catenins in Paired Tumor and Non-neoplastic Primary Prostate Cultures and Corresponding Prostatectomy Specimens," <i>Urol Res.</i> - 28(5):308-15 (2000) Abstract. |
| 120. | Wang, L.G., et al., "Down-Regulation of Prostate-Specific Antigen Expression by Finasteride through Inhibition of Complex Formation Between Androgen Receptor and Steroid Receptor-binding Consensus in the Promoter of the PSA Gene in LNCaP Cells," <i>Cancer Res.</i> - 57(4):714-9 (1997) Abstract. |
| 121. | Weterman, M.A., et al., "Expression of Calcyclin in Human Melanocytic Lesions," <i>Cancer Res.</i> - 53(24):6061-6 (1993) Abstract. |
| 122. | Williams, E.T., et al., "Estrogen Regulation of the Cytochrome P450 3A Subfamily in Humans," <i>J Pharmacol Exp Ther.</i> 311(2):728-35 (2004) Abstract. |
| 123. | Wojtaszek, P.A., et al., "Severely Decreased MARCKS Expression Correlates with Ras Reversion but not with Mitogenic Responsiveness" <i>Oncogene</i> - 8(3):755-60 (1993) Abstract. |
| 124. | Zhong, W., et al., "Expression of Superoxide Dismutases, Catalase, and Glutathione Peroxidase in Glioma Cells," <i>Free Radic Biol Med.</i> - 27(11-12):1334-45 (1999) Abstract. |
| 125. | Xi, L., et al., "Expression of Human Telomerase Reverse Transcriptase in Cervix Cancer and its Significance," <i>Zhonghua Fu Chan Ke Za Zhi</i> - 40(6):407-10 (2005) Abstract. |
| 126. | Alberts, B., et al., <i>Molecular Biology of the Cell</i> (3 rd ed. 1994) Cell 3 rd at 453 Figure 9-2 of Cell 3 rd Cell 3 rd at 403 |
| 127. | Alberts, B., et al., <i>Molecular Biology of the Cell</i> (4 th ed.) In Cell 4 th , Figure 6-3 on page 302 Figure 6-90 on page 364 of Cell 4 th Cell 4 th at 364 Cell 4 th at 379 |
| 128. | Aust, G., et al., "Human Throid Carcinoma Cell Lines and Normal Thyrocytes: Expression and Regulation of Matrix Metalloproteinase-1 and Tissue Matrix Metalloproteinase Inhibitor- Messenger-RNA and Protein," <i>Thyroid</i> - 7(5):713-724 (1997) |
| 129. | Beà, S., et al., "BMI-1 Gene Amplification and Overexpression in Hematological Malignancies Occur Mainly in Mantle Cell Lymphomas," <i>Cancer Research</i> - 61:2409-2412 (2001) |
| 130. | Beer, et al, "Gene-expression profiles predict survival of patients with lung adenocarcinoma," <i>Nature Biomedicine</i> - 98(6):816-824 (2002) |
| 131. | Futcher, B., et al., "A Sampling of the Yeast Proteome," <i>Molecular and Cellular Biology</i> - 19(11):7357-7368 (1999) |
| 132. | Gnatenko, D.V., et al., "Transcript Profiling of Human Platelets Using Microarray and Serial Analysis of Gene Expression," <i>Blood</i> - 101(6):2285-2293 (2003) |
| 133. | Greenbaum, D., et al., "Analysis of mRNA Expression and Protein Abundance Data: An Approach for the Comparison of the Enrichment of Features in the Cellular Population of Proteins and Transcripts," <i>Bioinformatics</i> - 18(4):585-496 (2002) |
| 134. | Gromova, I., et al., "Protein Abundancy and mRNA Levels of the Adipocyte-Type Fatty Acid Binding Protein Correlate in Non-Invasive and Invasive Bladder Transitional Cell Carcinomas," <i>International Journal of Oncology</i> - 13(2) 6 pages (1998) |
| 135. | Hähnel, E., et al., "Expression of the pS2 Gene in Breast Tissues Assessed by pS2-mRNA Analysis and pS2-Protein Radioimmunoassay," <i>Breast Cancer Research and Treatment</i> - 24:71-74 (1992) |

EXAMINER:

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(use several sheets if necessary)		Filing Date: November 14, 2001	Group Art Unit: 1646
OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)			
136.	Hirsch, F.R., et al., "Early Detection of Lung Cancer: Clinical Perspectives of Recent Advances in Biology and Radiology," <i>Clinical Cancer Research</i> - 7:5-22 (2001)		
137.	Holtten-Andersen, M.D., et al., "Localization of Tissue Inhibitor of Metalloproteinases 1 (TIMP-1) in Human Colorectal Adenoma and Adenocarcinoma," <i>Int. J. Cancer</i> - 113:198-206 (2005)		
138.	Janssens, N., et al., "Alteration of Frizzled Expression in Renal Cell Carcinoma," <i>Tumor Biology</i> - 25:161-171 (2004)		
139.	Kammori, M., et al., "Expression of Human Telomerase Reverse Transcriptase Gene and Protein, and of Estrogen and Progesterone Receptors, in Breast Tumors: Preliminary Data from Neo-Adjuvant Chemotherapy", <i>International Journal of Oncology</i> - 27(5) (2005)		
140.	Kuo, C.C., et al., "A Transcriptomic and Proteomic Analysis of the Effect of CpG-ODN on Human THP-1 Monocytic Leukemia Cells," <i>Proteomics</i> - 5:894-906 (2005)		
141.	Lewin, B., Genes VI (1997 <i>Genes VI</i> at 847-848		
142.	Meric, F., et al., "Translation Initiation in Cancer: A Novel Target for Therapy," <i>Molecular Cancer Therapeutics</i> - 1:971-979 (2002)		
143.	Munaut, C., et al., "Vascular Endothelial Growth Factor Expression Correlates With Matrix Metalloproteinases MT1-NMP, MNP-2 and NMP-9 in Human Glioblastomas," <i>Int. J. Cancer</i> - 106:848-855 (2003)		
144.	Maruyama, H., et al., "Id-1 and Id-2 are Overexpressed in Pancreatic Cancer and in Dysplastic Lesions in Chronic Pancreatitis," <i>American Journal of Pathology</i> - 155(3):815-822 (1999)		
145.	Nuciforo, P. G., et al., "Molecular and Immunohistochemical Analysis of HER2/neu Oncogene in Synovial Sarcoma," <i>Human Pathology</i> - 34(7):639-645 (2003)		
146.	Papotti, M., et al., "Correlative Immunohistochemical and Reverse Transcriptase Polymerase Chain Reaction Analysis of Somatostatin Receptor Type 2 in Neuroendocrine Tumors of the Lung," <i>Diagnostic Molecular Pathology</i> - 9(1):47-57 (2000)		
147.	Walmer, D. K., et al., "Malignant Transformation of the Human Endometrium is Associated with Overexpression of Lactoferrin Messenger RNA and Protein," <i>Cancer Research</i> - 55(5):1168-1174 (1995)		
148.	Wang, J., et al., "Expression of Cadherins and Catenins in Paired Tumor and non-Neoplastic Primary Prostate Cultures and Corresponding Prostatectomy Specimens," <i>Urol Res</i> - 28:308-315 (2000)		
149.	Zhigang, Z., et al., "Prostate Stem Cell Antigen (PSCA) Express in Human Prostate Cancer Tissues and its Potential Role in Prostate Carcinogenesis and Progression of Prostate Cancer," <i>World Journal of Surgical Oncology</i> - 2-13 (2004)		

EXAMINER:	DATE CONSIDERED:
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